Theodore R. Kingsley
General Attorney

BellSouth Corporation
Legal Department - Suite 1700
1155 Peachtree Street, N.E.
Atlanta, Georgia 30309
Telephone: 404-249-3392
Facsimile: 404-249-2118

DOCKET FILE COPY ORIGINAL

RECEIVED

JUL 15 1998

FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

July 15, 1998

Kathryn C. Brown
Chief, Common Carrier Bureau
Federal Communications Commission
1919 M Street, N.W.
Washington, D.C. 20554

Re: BellSouth July 15 Status Report
NSD File No. L-98-27, CC Docket No. 95-116
Order, DA 98-917 (May 15, 1998)
Long-term Database Methods for Local Number Portability (LNP)

Dear Ms. Brown:

Pursuant to paragraph 35 of the referenced order, BellSouth files its July 15, 1998 report on the progress it and Lockheed Martin have made and are making with respect to BellSouth's interface with the Lockheed Martin Number Portability Administration Center (NPAC) regional Service Management System (SMS) database and on updating BellSouth's SMS interface with its internal systems, including its AIN SMS, Service Order Control System (SOCS), Product and Services Information Management System (PSIMS), and its Customer Revenue Information Systems (CRIS).

In this letter, BellSouth reports on progress made since its June 8, 1998 Status Report.[1] This July 15 report shows that all NANC 1.8 functionality necessary to support the ordering and provisioning of LNP in Phase I and Phase II metropolitan statistical areas (MSAs) within the Southeast NPAC Region was available in BellSouth's NPAC interface production software in time to have begun industry end-to-end testing in Phase I by July 15, 1998; and will be available to conduct industry testing in Miami, Fort Lauderdale and Orlando (Phase II) during the period August 19, 1998 through September 18, 1998; in New Orleans, Charlotte, Greensboro and Nashville (Phase III) during the period September 16, 1998 through October 16, 1998; and in Memphis, Louisville, Jacksonville, Raleigh and Greenville (Phase IV) during the period

[1] Letter from Theodore R. Kingsley, General Attorney, BellSouth Corporation, to Kathryn C. Brown, Chief, Common Carrier Bureau, FCC, filed June 8, 1998. (June 8 Status Report).

No. of Copies rec'd 0 1 8
List A B C D E

November 4, 1998 through December 4, 1998.[2] Thus BellSouth will implement LNP in the Southeast Region pursuant to all extension orders issued by the Bureau[3] and BellSouth's Supplemental Petition to Extend Time for Network Implementation.[4]

I. BellSouth's Interface with the Lockheed Martin NPAC.

A. Steps Taken

As set forth in previous reports, BellSouth focused its development efforts on completing the 55 out of 58 NANC change orders needed to implement LNP in Phase I and Phase II MSAs. Two of the remaining three change orders involved NPA split processing functionality which is not needed until Phase III implementation in the Southeast NPAC Region. The final change order involved filtering functionalities which do not affect other carriers' ability to port numbers and is not included in the LNPA's certification test sites. On June 23, 1998, BellSouth successfully completed its final production NPAC interface software testing. On June 30, 1998, Lockheed Martin advised BellSouth that certification testing with the NPAC interface passed with respect to all functionalities except for NPA Split Processing.[5]

BellSouth's development efforts (which include testing and debugging) with respect to NPA Split Processing remain on schedule to be completed by July 30, 1998. The software will then undergo four weeks of internal quality assurance testing beginning August 1, 1998. On or before September 1, 1998, the software will begin to undergo another thirty (30) days of external

---

[2] Industry end-to-end test dates are determined through a consensus of the carriers' operations experts attending the Southeast LNP Operations Workshop. The Workshop is open to attendance by all local exchange carriers, incumbents and new entrants, operating in the Southeast NPAC region. The end-to-end test dates for Phase I and II are firm and are being actively worked by the industry. The dates for Phases III, IV and V are tentative but have been submitted to the Workshop membership. Because there has been no opposition to these dates BellSouth is using them for planning purposes.

[3] Telephone Number Portability, Petitions for Extension of the Deployment Schedule for Long-Term Database Methods for Local Number Portability, Phase I, *Order,* CC Docket 95-116, NSD File Nos. L-98-20, L-98-28, L-98-27, L-98-24, L-98-21, L-98-09, L-98-29, L-98-30, L-98-26, L-98-31, L-98-22, L-98-23, L-98-32, L-98-25, DA 98-614 (rel. March 31, 1998); Phase II, *Order,* NSD File Nos. L-98-40, L-98-27, L-98-52, L-98-29, L-98-30, L-98-31, L-98-37, L-98-38, L-98-46, L-98-32, L-98-39, DA 98-917 (rel. May 15, 1998); Phase III, *Order*, NSD File Nos. L-98-14, L-98-74, L-98-27, L-98-29, L-98-72, L-98-71, L-98-73, L-98-58, L-98-78, DA 98-1265 (rel. June 26, 1998)(collectively "*Extension Orders*").

[4] Telephone Number Portability, CC Docket No. 95-116, NSD File No. L-98-27, *Supplement to Petition to Extend Time for Network Implementation of BellSouth Corporation,* (filed May 1, 1998 withdrawing request for Phase V extension).

[5] Attachment to Letter from Ben G. Almond, Director, Federal Regulatory, BellSouth Corporation, to Kathyrn C. Brown, Chief, Common Carrier Bureau, filed July 8, 1998.

industry (service provider to service provider) testing. Industry testing will have been completed several weeks prior to porting the first telephone number in the New Orleans (Phase III) MSA. BellSouth remains on schedule to deliver Expanded Filter functionality by October 1, 1998, on time for Phase III implementation.

II. BellSouth's SMS Interface with its Internal OSS.

All necessary software modifications for SOCS, PSIMS and CRIS OSS interfaces have now been incorporated in the LNP Gateway design, as have all necessary modifications for BellSouth's AIN SMS. Testing between the BellSouth LNP Gateway and the BellSouth AIN SMS is 90% complete and on schedule to conclude by July 23, 1998.

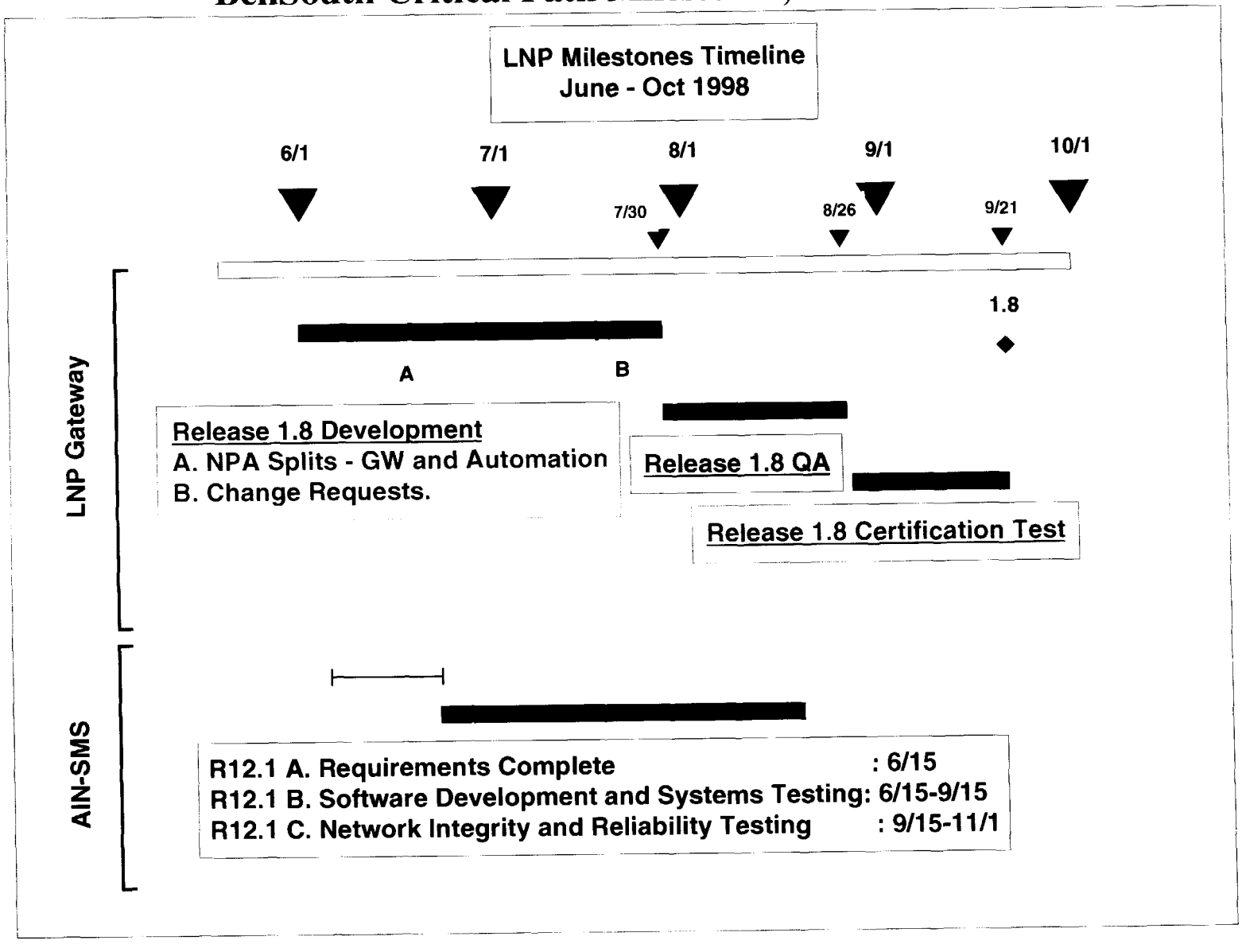
III. Detailed Work Plan for Next Steps.

BellSouth attaches to this report an LNP Critical Path Milestone chart for the period June 1998-October 1998; an LNP Gateway SMS schedule current as of July 8, 1998 which tracks the duration, start, finish and status of 49 separate tasks related to development of the Lockheed Martin NPAC interface; and a separate schedule for BellSouth's LNP AIN SMS work effort identifying the duration, start, finish and status of 29 separate tasks related to updating the BellSouth NPAC interface with its AIN SMS.

IV. Conclusion.

BellSouth is on schedule to implement LNP in each MSA within the Southeast NPAC Region pursuant to the Bureau's *Extension Orders*. All NANC 1.8 interface functionality necessary for the ordering and provisioning of LNP is in place to implement Phase I by August 31, 1998 and Phase II by September 30, 1998, and will be in place to implement Phase III by October 31, 1998, Phase IV by November 30, 1998 and Phase V by December 31, 1998. There will be no impact on the LNP ordering and provisioning process for CLECs. The exact same LNP ordering and provisioning capability available to BellSouth will be available to all CLECs when LNP is offered in the relevant MSAs.

BellSouth Critical Path Milestones, 6-98 to 10-98



A copy of this status report is being mailed to all carriers who have filed requests for extension of time within the Southeast NPAC Region, as well as all those who commented on BellSouth's earlier filed Petition.

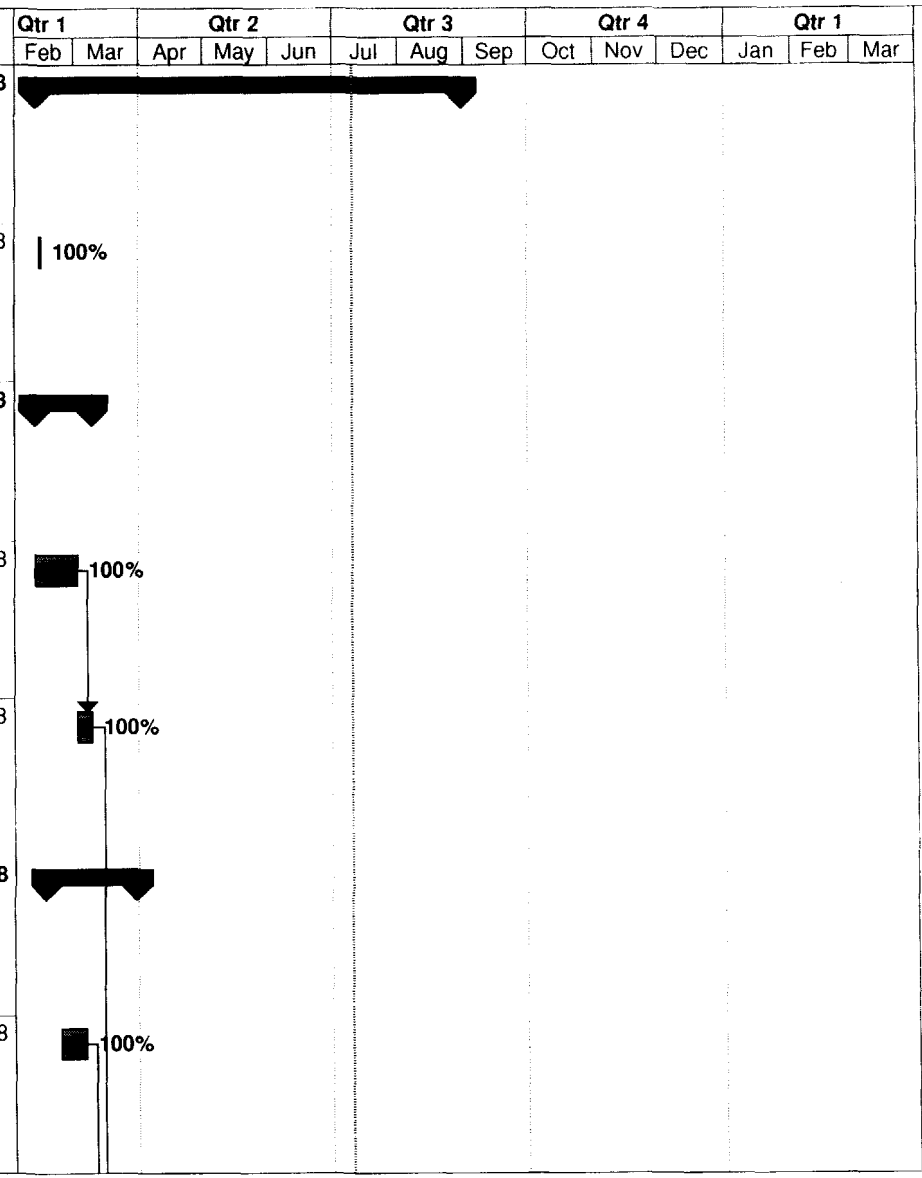
Very truly yours,

Theodore R. Kingsley

cc: Gayle Radly Teicher
Geraldine A. Matise

LNP GATEWAY PROJECT PLAN

ID	Task Name	Dur	% Complete	Start	Finish
1	**Summary Release Schedule**	**142 days**	**93%**	**2/11/1998**	**8/31/1998**
2	Sign Contract with vendor	1 day	100%	2/13/1998	2/13/1998
3	**Requirements**	**19 days**	**100%**	**2/11/1998**	**3/9/1998**
4	Complete NANC 1.1 to NANC 1.8 upgrade requirements	14 days	100%	2/11/1998	3/2/1998
5	Approve NANC 1.1 to NANC 1.8 upgrade requirements	5 days	100%	3/3/1998	3/9/1998
6	**Network and Communications**	**31 days**	**100%**	**2/16/1998**	**3/30/1998**
7	Set up test system for dial-up testing to DSET	10 days	100%	2/23/1998	3/6/1998

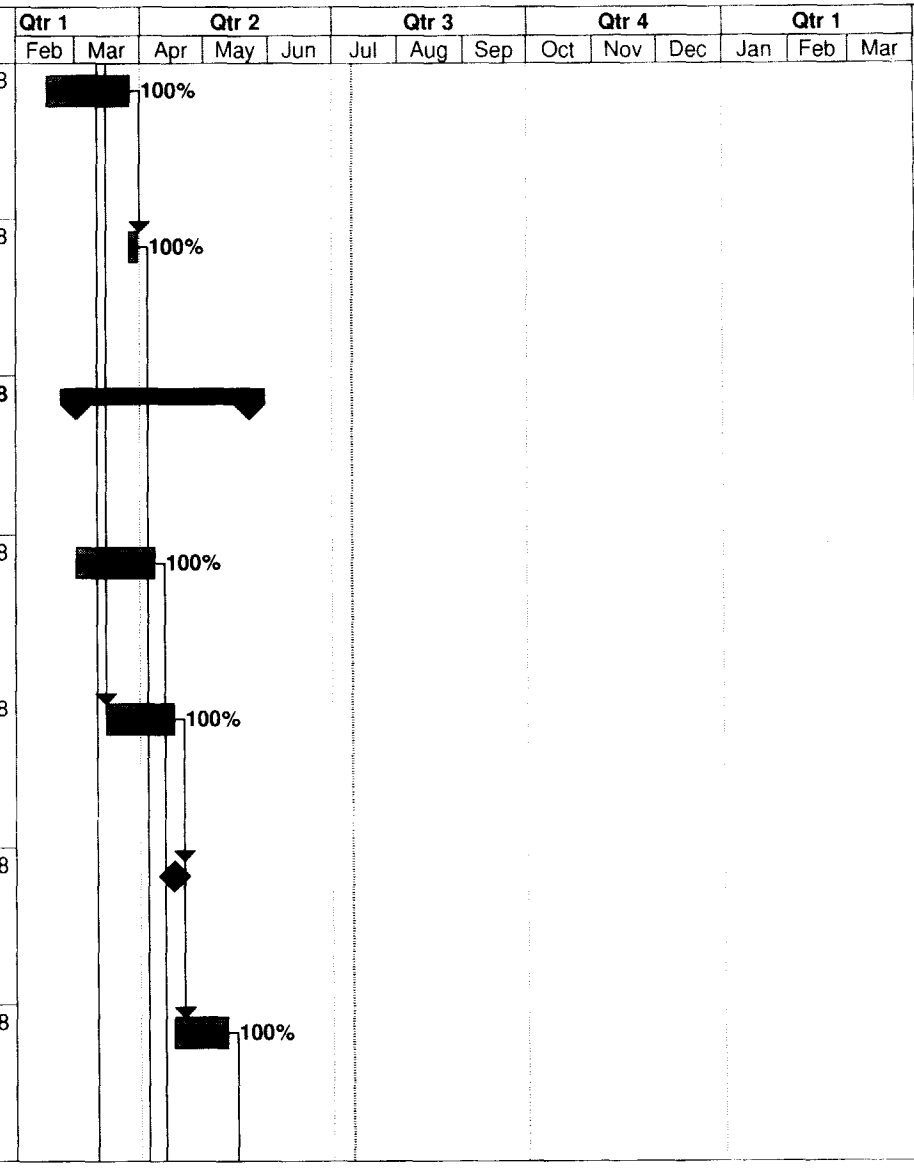


Prepared by David Samsky
BellSouth Applied Technologies, Inc.
Phone 770 209-8088

Task
Progress
Milestone
Summary
Rolled Up Task
Rolled Up Milestone
External Tasks
Project Summary
Split
Rolled Up Split

LNP GATEWAY PROJECT PLAN

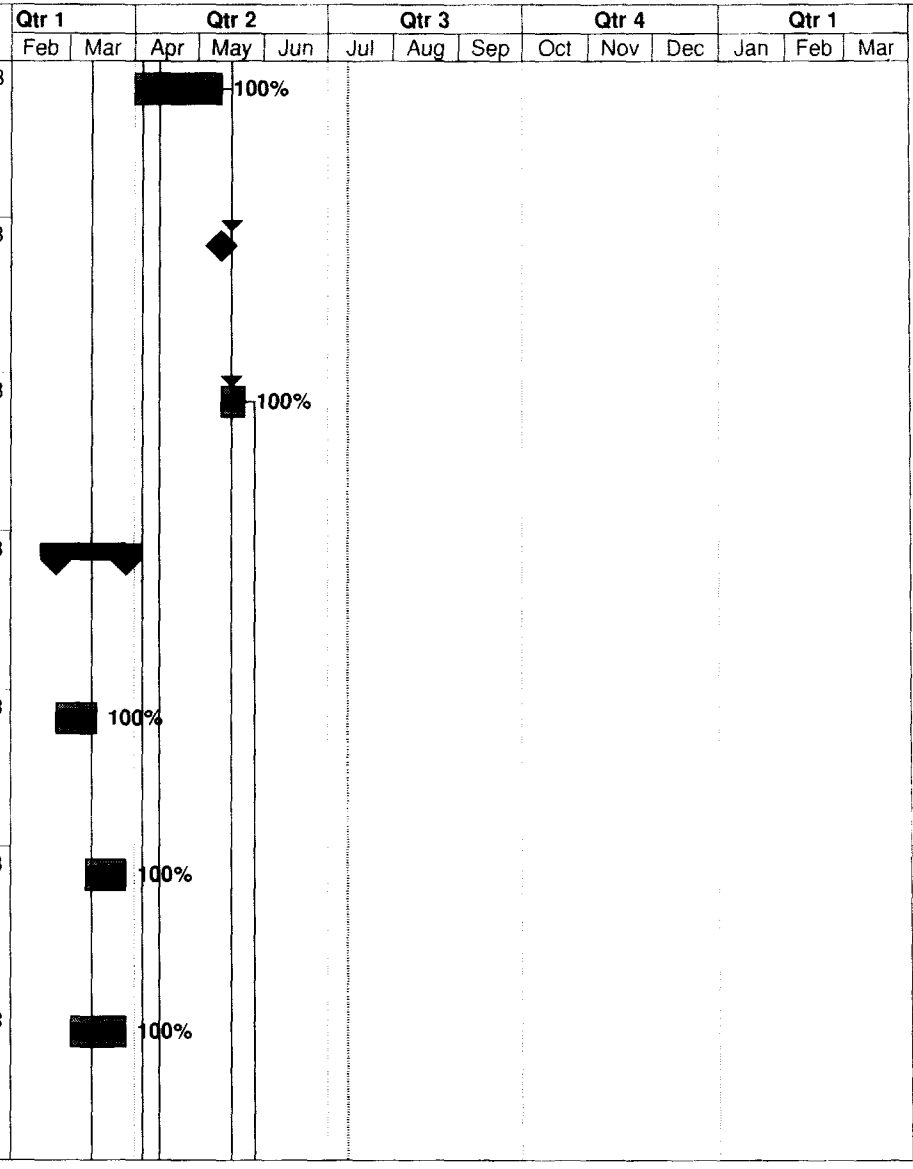
ID	Task Name	Dur	% Complete	Start	Finish
8	Install T1 lines to Lockheed	29 days	100%	2/16/1998	3/26/1998
9	Test Connectivity to Chicago NPAC with T1	2 days	100%	3/27/1998	3/30/1998
10	**Development (includes QA)**	**60 days**	**100%**	**3/2/1998**	**5/22/1998**
11	Release 1.5 - LNP Gateway modifications to support GDMO recompilation changes only for NANC 1.8; this will allow BellSouth to successfully complete Interoperability Tests	27 days	100%	3/2/1998	4/7/1998
12	Development and Unit Test of Release 1.6 - Implement NANC 1.8 Change Orders in LNP Gateway based on Requirements identified in Task 5 above; these are functional changes to the LNP Gateway	24 days	100%	3/16/1998	4/16/1998
13	Code Freeze of Release 1.6	0 days	100%	4/16/1998	4/16/1998
14	QA and System test of Release 1.6	17 days	100%	4/17/1998	5/11/1998



Prepared by David Samsky
BellSouth Applied Technologies, Inc.
Phone 770 209-8088

Task
Progress
Milestone
Summary
Rolled Up Task
Rolled Up Milestone
External Tasks
Project Summary
Split
Rolled Up Split

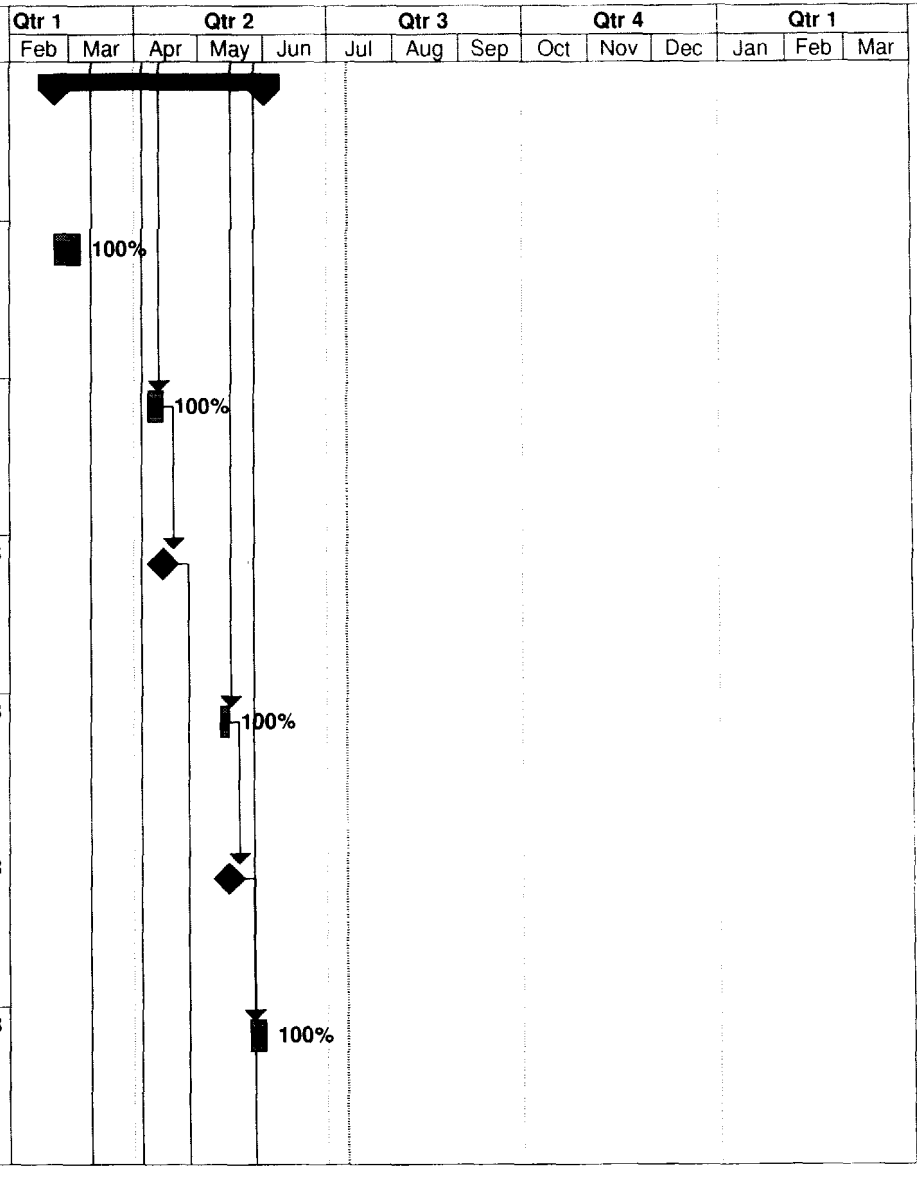
ID	Task Name	Dur	% Complete	Start	Finish
15	Development and Unit Test of Release 1.6.1 - Maintenance release to correct defects including Recovery	29 days	100%	4/1/1998	5/11/1998
16	Code Freeze of Release 1.6 .1	0 days	100%	5/11/1998	5/11/1998
17	QA and System test of Release 1.6.1	9 days	100%	5/12/1998	5/22/1998
18	**Test Planning**	**25 days**	**100%**	**2/23/1998**	**3/27/1998**
19	Negotiate with Lockheed on required interoperability tests and test process	15 days	100%	2/23/1998	3/13/1998
20	Negotiate with Lockheed on required turn-up tests and test process	15 days	100%	3/9/1998	3/27/1998
21	Develop test plans	20 days	100%	3/2/1998	3/27/1998



Prepared by David Samsky
BellSouth Applied Technologies, Inc.
Phone 770 209-8088

Task
Progress
Milestone
Summary
Rolled Up Task
Rolled Up Milestone
External Tasks
Project Summary
Split
Rolled Up Split

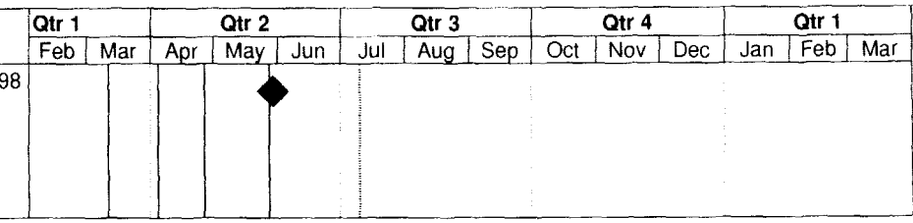
ID	Task Name	Dur	% Complete	Start	Finish
22	**Release Testing**	**70 days**	**100%**	**2/23/1998**	**6/1/1998**
23	Accept LNP Release 1.1 - Load Dial-up system and Atlanta & Charlotte Data Center	10 days	100%	2/23/1998	3/6/1998
24	Accept LNP Release 1.5 (includes Automation and Recompile of GDMO)	5 days	100%	4/8/1998	4/14/1998
25	Release 1.5 loaded on Charlotte Production System	0 days	100%	4/14/1998	4/14/1998
26	Accept LNP Release 1.6 (includes all required NANC 1.8 changes)	4 days	100%	5/12/1998	5/15/1998
27	Release 1.6 loaded on Charlotte Production System	0 days	100%	5/15/1998	5/15/1998
28	Accept Release 1.6.1 (Maintenance release including correction of Recovery defects)	5 days	100%	5/26/1998	6/1/1998



Prepared by David Samsky
BellSouth Applied Technologies, Inc.
Phone 770 209-8088

Task
Progress
Milestone
Summary
Rolled Up Task
Rolled Up Milestone
External Tasks
Project Summary
Split
Rolled Up Split

ID	Task Name	Dur	% Complete	Start	Finish
29	Release 1.6.1 loaded on Charlotte Production System	0 days	100%	5/30/1998	5/30/1998

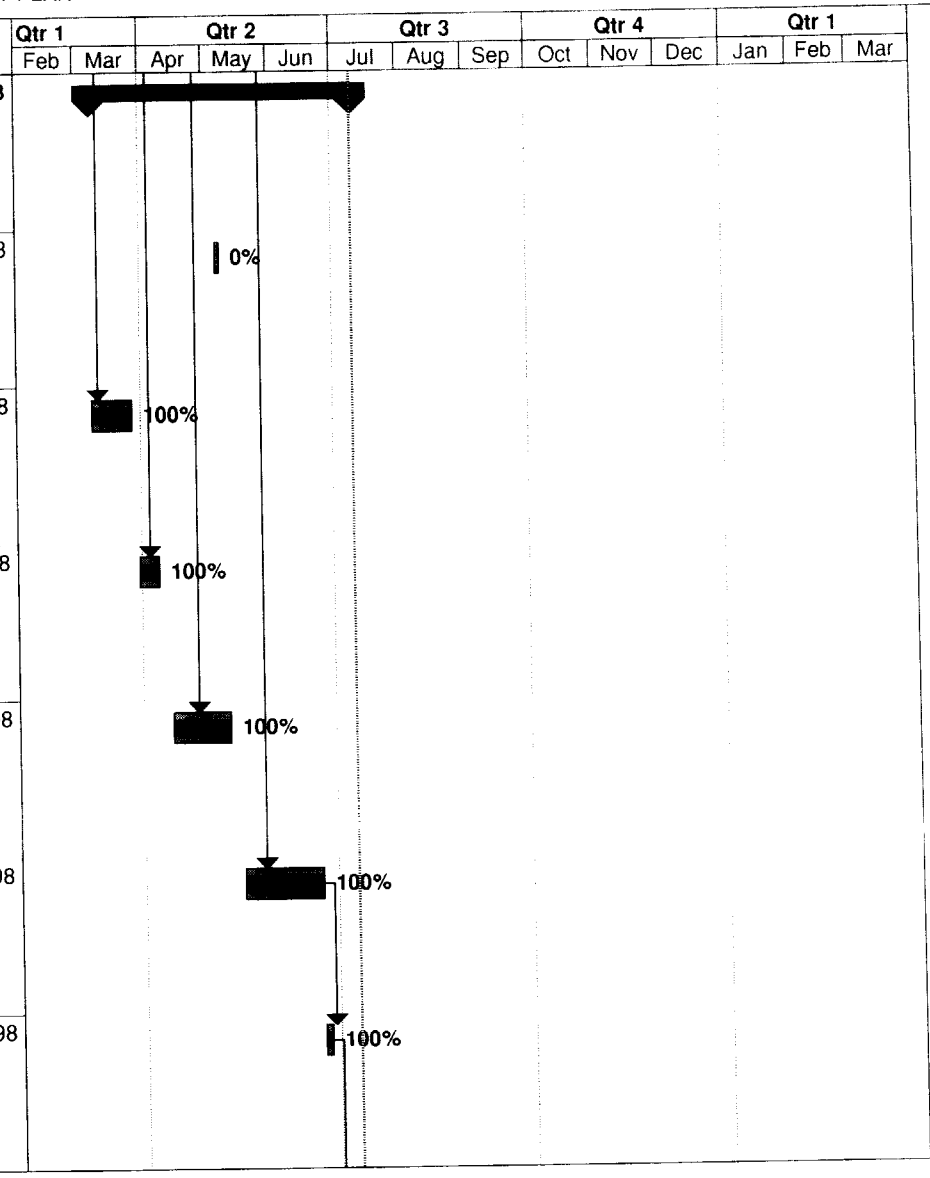


Prepared by David Samsky
BellSouth Applied Technologies, Inc.
Phone 770 209-8088

Task
Progress
Milestone
Summary
Rolled Up Task
Rolled Up Milestone
External Tasks
Project Summary
Split
Rolled Up Split

LNP GATEWAY PROJECT PLAN

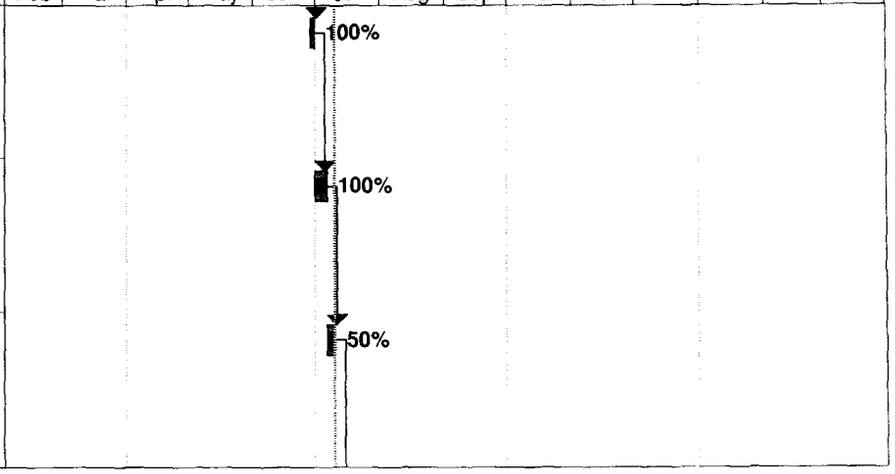
ID	Task Name	Dur	% Complete	Start	Finish
30	**Certification Testing**	**88 days**	**95%**	**3/9/1998**	**7/10/1998**
31	LTI testing with MediaOne - Currently NOT scheduled	2 days	0%	5/7/1998	5/8/1998
32	Interoperability Testing - LNP Gateway (NANC 1.1 & Gateway Release 1.1) with DSET (NANC 1.7) - Dial-Up	15 days	100%	3/9/1998	3/27/1998
33	Start Turnup Testing in Chicago with Lockheed Release 1.2 and LNP Gateway Release 1.1	7 days	100%	3/31/1998	4/8/1998
34	Start Turnup Testing in Chicago with Lockheed Release 1.3 and LNP Gateway Release 1.5	19 days	100%	4/15/1998	5/11/1998
35	Turn-up Testing - Certification of LNP Gateway Release 1.6 (and 1.6.1) in Chicago with Lockheed Release 1.3 (Contains all functional changes for NANC 1.8)	26 days	100%	5/18/1998	6/23/1998
36	Southeast Region SP to SP (paired) testing	3 days	100%	6/24/1998	6/26/1998



Prepared by David Samsky
BellSouth Applied Technologies, Inc.
Phone 770 209-8088

Task
Progress
Milestone
Summary
Rolled Up Task
Rolled Up Milestone
External Tasks
Project Summary
Split
Rolled Up Split

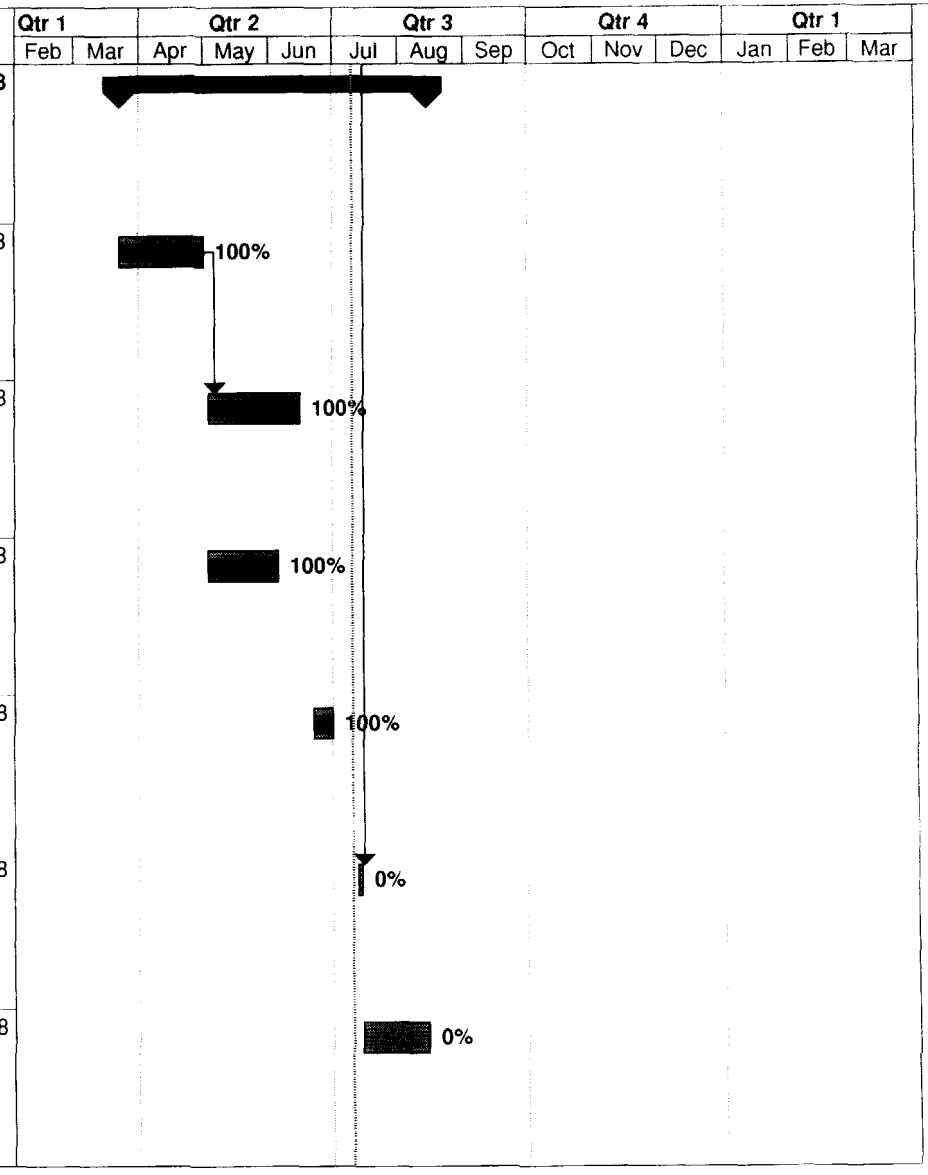
ID	Task Name	Dur	% Complete	Start	Finish
37	Southeast Region Round Robin testing	2 days	100%	6/29/1998	6/30/1998
38	Southeast Region DR testing	3 days	100%	7/1/1998	7/6/1998
39	Southeast Region Performance testing	4 days	50%	7/7/1998	7/10/1998



Prepared by David Samsky
BellSouth Applied Technologies, Inc.
Phone 770 209-8088

Task
Progress
Milestone
Summary
Rolled Up Task
Rolled Up Milestone
External Tasks
Project Summary
Split
Rolled Up Split

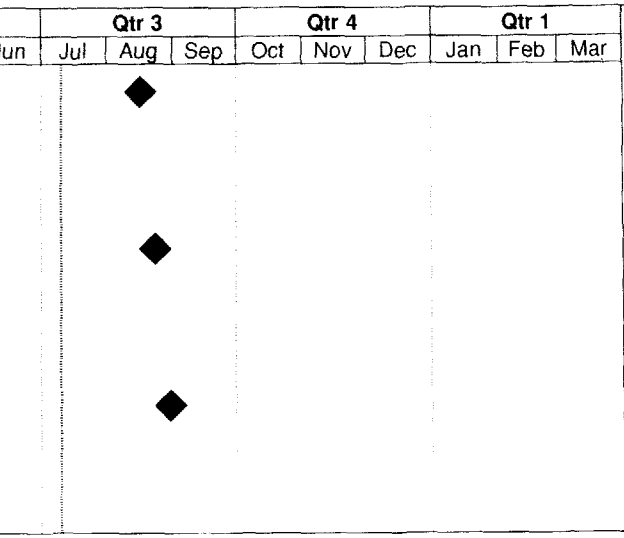
ID	Task Name	Dur	% Complete	Start	Finish
40	**Field Testing**	**103 days**	**78%**	**3/23/1998**	**8/14/1998**
41	Generate Run Books for TSC	30 days	100%	3/23/1998	5/1/1998
42	TSC (6 weeks) to incorporate Run Books	30 days	100%	5/4/1998	6/15/1998
43	Intra Company Testing Phase 2	24 days	100%	5/4/1998	6/5/1998
44	Intra Company Testing Phase 2a	7 days	100%	6/22/1998	6/30/1998
45	Reset Database	2 days	0%	7/13/1998	7/14/1998
46	CLEC End to End Testing	23 days	0%	7/15/1998	8/14/1998



Prepared by David Samsky
BellSouth Applied Technologies, Inc.
Phone 770 209-8088

Task
Progress
Milestone
Summary
Rolled Up Task
Rolled Up Milestone
External Tasks
Project Summary
Split
Rolled Up Split

ID	Task Name	Dur	% Complete	Start	Finish
47	Ready to Accept Porting Orders	0 days	0%	8/17/1998	8/17/1998
48	Earliest possible due date for Porting Orders	0 days	0%	8/24/1998	8/24/1998
49	End of Phase I MSA	0 days	0%	8/31/1998	8/31/1998

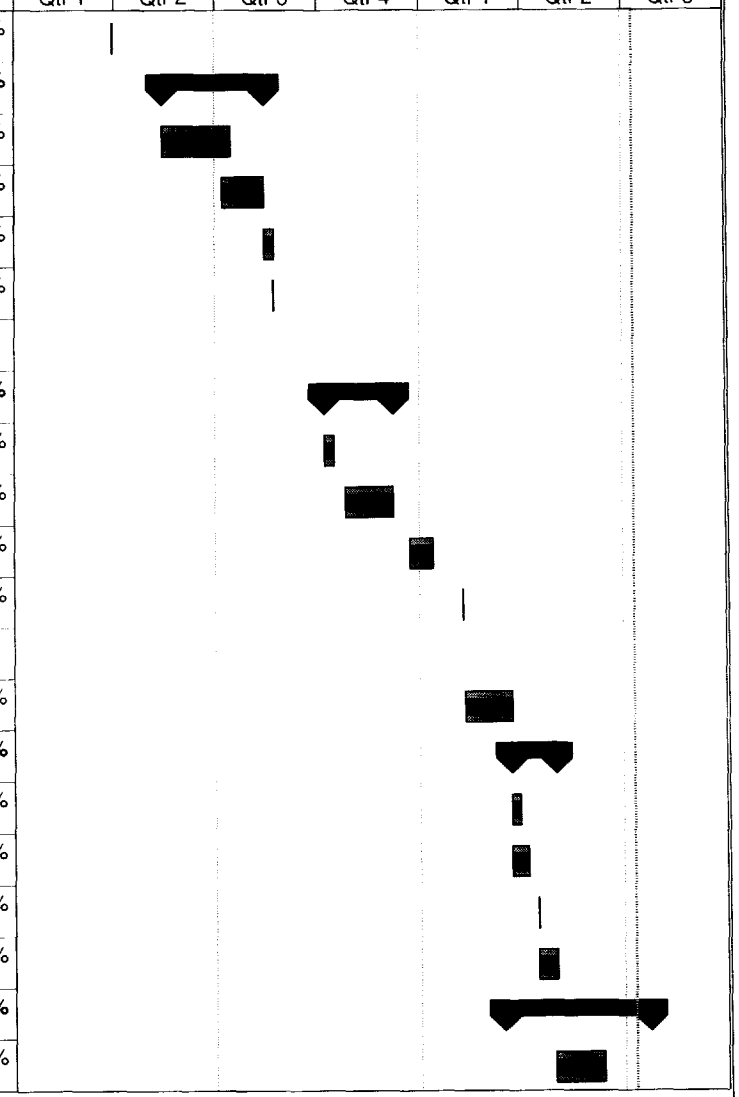


Prepared by David Samsky
BellSouth Applied Technologies, Inc.
Phone 770 209-8088

Task
Progress
Milestone
Summary
Rolled Up Task
Rolled Up Milestone
External Tasks
Project Summary
Split
Rolled Up Split

AIN SMS PROJECT PLAN

ID	Task Name	Duration	Start	Finish	% Complete
1	LNP Requirements Issued	1 day	3/31/1997	3/31/1997	100%
2	**Software Development SMS 10.2**	**66 days**	**5/15/1997**	**8/14/1997**	**100%**
3	Development & Integration Testing	44 days	5/15/1997	7/15/1997	100%
4	System Testing	28 days	7/8/1997	8/14/1997	100%
5	Network Integrity and Reliability Testing	7 days	8/15/1997	8/23/1997	100%
6	Final Certification for SMS Release 10.2	1 day	8/23/1997	8/23/1997	100%
7					
8	**Software Development SMS Release 11.0**	**44 days**	**10/8/1997**	**12/8/1997**	**100%**
9	Development & Integration Testing	7 days	10/8/1997	10/16/1997	100%
10	System Testing	31 days	10/27/1997	12/8/1997	100%
11	Network Integrity & Reliability Testing	15 days	12/23/1997	1/12/1998	100%
12	Final Certification for SMS Release 11.0	1 day	2/8/1998	2/8/1998	100%
13					
14	NANC Compliance Analysis	30 days	2/10/1998	3/23/1998	100%
15	**Requirements**	**30 days**	**3/23/1998**	**5/1/1998**	**100%**
16	NPAC Issues Resolved	6 days	3/23/1998	3/30/1998	100%
17	Issue Draft for Engineering Review	11 days	3/23/1998	4/6/1998	100%
18	Issue Final Requirements	1 day	4/15/1998	4/15/1998	100%
19	System Design	13 days	4/15/1998	5/1/1998	100%
20	**Software Development SMS Release 12.0**	**96 days**	**3/16/1998**	**7/23/1998**	**96%**
21	Dev. & Integ. Testing NPAC Issues	32 days	4/30/1998	6/12/1998	100%

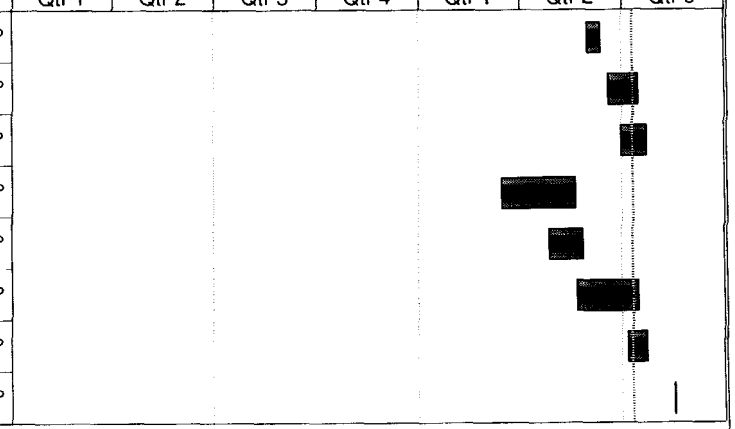


Project: FCC
Date: 7/10/1998

Task
Split
Progress
Milestone
Summary
Rolled Up Task
Rolled Up Split
Rolled Up Milestone
Rolled Up Progress
External Tasks
Project Summary

AIN SMS PROJECT PLAN

ID	Task Name	Duration	Start	Finish	% Complete
22	Test Case Development NPAC Issues	10 days	6/1/1998	6/12/1998	100%
23	System Testing NPAC Issues	21 days	6/19/1998	7/15/1998	90%
24	Network Integrity and Reliability Testing	17 days	7/1/1998	7/23/1998	90%
25	Dev. & Integ. Testing NPA Splits	48 days	3/16/1998	5/20/1998	100%
26	Test Case Development NPA Splits	22 days	4/28/1998	5/27/1998	100%
27	System Testing NPA Splits	39 days	5/22/1998	7/15/1998	90%
28	Ext. Network Integ. & Reliability Testing	13 days	7/7/1998	7/23/1998	90%
29	Final Certification	1 day	8/17/1998	8/17/1998	0%



Project: FCC
Date: 7/10/1998

Task
Split
Progress
Milestone
Summary
Rolled Up Task
Rolled Up Split
Rolled Up Milestone
Rolled Up Progress
External Tasks
Project Summary

Distribution List CC Docket No. 95-116

Office of the Secretary*
Federal Communications Commission
1919 M Street, N.W., Room 222
Stop Code 1170
Washington, D.C. 20554

International Transcription Services, Inc.*
1231 20th Street, N.W.
Washington, D.C. 20036

Jeannie Grimes*
Common Carrier Bureau
Federal Communications Commission
2000 M Street, N.W., Suite 235
Washington, D.C. 20554

Brian Conboy
Willkie, Farr & Gallagher
Attorneys for Time Warner Communications
Three Lafayette Centre
1155 21st Street
Washinton, D.C. 20036

Mark C. Rosenblum
Roy E. Hoffinger
James H. Bolin, Jr.
AT&T Corp.
295 North Maple Avenue, Room 3247H3
Basking Ridge, New Jersey 07920

Morton J. Posner
Swidler & Berlin, Chartered
Attorneys for Allegiance Telecom, Inc.
3000 K Street, N.W., Suite 300
Washington, D.C. 20007

Morton J. Posner
Swidler & Berlin, Chartered
Attorneys for Deltacom, Inc.
3000 K Street, N.W., Suite 300
Washington, D.C. 20007

Gail L. Polivy
GTE Service Corporation
1850 M Street N.W.
Suite 1200
Washington, D.C. 20036

Kathryn Marie Krause
MediaOne, Inc.
Suite 700
1020 19th Street, N.W.
Washington, D.C. 20036

Karen Potkul, Esq.
Nextlink California, L.L.C.
1924 Deere Avenue
Santa Ana, California 72705

Nancy C. Woolf
Southwestern Bell, Pacific Bell, Nevada Bell
140 New Montgomery Street, Room 1522A
San Francisco, California 94105

Jay C. Keithley
Sprint Corporation
1850 M Street, N.W., 11th Floor
Washington, D.C. 20036-5807

Kathryn Marie Krause
US West Communications, Inc.
Suite 700
1020 19th Street, N.W.
Washington, D.C. 20036

Richard S. Whitt
Anne F. La Lena
WorldCom, Inc.
1120 Connecticut Avenue, N.W.
Suite 400
Washington, D.C. 20036

Teresa Marrero
Teleport Communications Group, Inc.
Two Teleport Drive, Suite 300
Staten Island, New York 10311

Donna M. Roberts
MCI Telecommunications Corporation
1801 Pennsylvania Avenue, NW
Washington, D.C. 20008

James H. Jeffries, IV
Amos, Jeffries & Robinson, L.L.P.
Attorneys for Concord Telephone Company
Suite 1230 Renaissance Plaza
230 North Elm Street
Greensboro, North Carolina 27402

John P. Fons
J. Jeffry Wahlen
Ausley & McMullen
Attorneys for Vista-United
Telecommunications
P.O. Box 391
Tallahassee, FL 32302

* Also by Hand Delivery